

## Table ENG-5. - Sanitary Facilities

City of Suffolk, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:					
Alaga	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.84	Slope	0.68
				Depth to saturated zone	0.17
Pactolus	10	Not Rated		Not Rated	
2:					
Belhaven	85	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Flooding	0.40
Pungo	8	Not Rated		Not Rated	
Deloss	7	Not Rated		Not Rated	
3:					
Bohicket	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Kenansville	5	Not Rated		Not Rated	
Pactolus	5	Not Rated		Not Rated	
4:					
Deloss	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Tomotley	5	Not Rated		Not Rated	
Belhaven	4	Not Rated		Not Rated	

5A:

# Table ENG-5. - Sanitary Facilities - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5A:					
Dogue	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00		
Emporia	5	Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated	
Wahee	5	Not Rated		Not Rated	
5B2:					
Dogue	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Slope	0.32
Emporia	5	Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated	
Wahee	5	Not Rated		Not Rated	
6:					
Dragston	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Tomotley	8	Not Rated		Not Rated	
Tetotum	7	Not Rated		Not Rated	
7A:					
Emporia	90	Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	0.92
		Restricted permeability	0.68	Seepage	0.32
Kenansville	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
7B2:					

# Table ENG-5. - Sanitary Facilities - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7B2:					
Emporia	90	Very limited		Somewhat limited	
		Depth to saturated zone	1.00	Depth to saturated zone	0.92
		Restricted permeability	0.68	Seepage Slope	0.32 0.32
Kenansville	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
8A:					
Eunola	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage Slope	0.50 0.50
Lynchburg	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
8B:					
Eunola	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage Slope	0.50 0.32
Lynchburg	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
9A:					
Goldsboro	95	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage Slope	0.50 0.50
Rains	5	Not Rated		Not Rated	
9B2:					
Goldsboro	95	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage Slope	0.50 0.32
Rains	5	Not Rated		Not Rated	

10A:

# Table ENG-5. - Sanitary Facilities - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10A:					
Kalmia	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.84	Depth to saturated zone	0.17
		Restricted permeability	0.50		
Kenansville	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
10B:					
Kalmia	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.84	Slope	0.32
		Restricted permeability	0.50	Depth to saturated zone	0.17
Kenansville	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
11:					
Kenansville	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
Eunola	5	Not Rated		Not Rated	
Pactolus	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
12:					
Kenansville	95	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.84	Depth to saturated zone	0.17
Suffolk	3	Not Rated		Not Rated	
Eunola	2	Not Rated		Not Rated	
13:					
Levy	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		

## Table ENG-5. - Sanitary Facilities - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13:					
Rains	8	Not Rated		Not Rated	
Nansemond	7	Not Rated		Not Rated	
14:					
Lynchburg	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Rains	8	Not Rated		Not Rated	
Eunola	7	Not Rated		Not Rated	
Wahee	5	Not Rated		Not Rated	
15B:					
Nansemond	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
				Slope	0.08
Dragston	10	Not Rated		Not Rated	
15D:					
Nansemond	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
		Slope	0.37	Slope	1.00
Rains	8	Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated	
15E:					
Nansemond	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Rains	8	Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated	
16A:					

## Table ENG-5. - Sanitary Facilities - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16A:					
Nansemond	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Weston	10	Not Rated		Not Rated	
16B:					
Nansemond	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
				Slope	0.32
Weston	10	Not Rated		Not Rated	
17:					
Pactolus	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Alaga	5	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	
Kalmia	5	Not Rated		Not Rated	
18:					
Pungo	85	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Subsidence	1.00	Flooding	0.40
Belhaven	8	Not Rated		Not Rated	
Deloss	7	Not Rated		Not Rated	
19:					
Rains	75	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Lynchburg	7	Not Rated		Not Rated	
Nansemond	7	Not Rated		Not Rated	
Eunola	6	Not Rated		Not Rated	

# Table ENG-5. - Sanitary Facilities - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19: Torhunta	5	Not Rated		Not Rated	
20A: Rumford	90	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
Nansemond	10	Not Rated		Not Rated	
20B: Rumford	95	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.32
Nansemond	5	Not Rated		Not Rated	
21A: State	95	Very limited Filtering capacity Depth to saturated zone Restricted permeability	1.00 0.84 0.50	Very limited Seepage Depth to saturated zone	1.00 0.17
Tetotum	5	Not Rated		Not Rated	
21B: State	90	Very limited Filtering capacity Depth to saturated zone Restricted permeability	1.00 0.84 0.50	Very limited Seepage Slope Depth to saturated zone	1.00 0.32 0.17
Tetotum	10	Not Rated		Not Rated	
22A: Suffolk	90	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage	1.00
Eunola	10	Not Rated		Not Rated	
22B: Suffolk	90	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage Slope	1.00 0.32
Eunola	10	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23A:					
Tetotum	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50		
State	8	Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated	
23B:					
Tetotum	90	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50	Slope	0.32
Dragston	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
24:					
Tomotley	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
Deloss	5	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	
Rains	5	Not Rated		Not Rated	
25:					
Torhunta	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Belhaven	10	Not Rated		Not Rated	
26:					
Udorthents	70	Not Rated		Not Rated	
Eunola	5	Not Rated		Not Rated	
Kenansville	5	Not Rated		Not Rated	

# Table ENG-5. - Sanitary Facilities - Continued

City of Suffolk, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26:					
Lynchburg	5	Not Rated		Not Rated	
Nansemond	5	Not Rated		Not Rated	
Suffolk	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
27:					
Urban land	90	Not Rated		Not Rated	
Dogue	10	Not Rated		Not Rated	
28:					
Wahee	85	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone	1.00
Dogue	5	Not Rated		Not Rated	
Emporia	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
29:					
Weston	90	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 1.00
Nansemond	10	Not Rated		Not Rated	
DAM:					
Dam	95	Not Rated		Not Rated	
M-W:					
Water	100	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	